



## Thermoplastic Elastomer (TPE) Tubing Sealer and Welder



*C'eal-Flex Ultra TPE Tubing Sealer features complete portability, easily allowing the sealing head to go to the point of the seal, without disrupting fill lines or equipment.*

### C'eal-Flex® Ultra TPE Tubing Sealer

The C'eal-Flex tubing sealer provides the ultimate convenience for use in a biopharm production suite. It operates on 110 or 230 volt electrical current and uses filtered air. The unit weights only 9 lbs so it can be easily moved throughout the suite, or quickly mounted at a work station. This is the only sealer on the market that offers a remote sealing head making it easy to get the unit to the point of the seal. Controls are password protected for safety, but once accessed, two control buttons make it easy for the user to adjust temperature of the sealing heads, dwell time, and release temperature. The unit has a built-in safety lock so it is impossible to interrupt the operation before the seal cycle is complete.

### Connect-Flex® TPE Tubing Welder

The ALL NEW Connect-Flex welder is the only device on the market that can weld TPE tubing ranging in size from .375" through .750"OD without changing any fixtures. It operates on 110 or 230 volt electrical current and uses filtered air. The welder weighs only 25 lbs so it can be moved easily throughout the production suite. The unit is easy to load and a LCD panel steps the user through the loading, welding and release segments of the cycle. Like the sealer it operates with just two control buttons. The welding cycle time is 3 minutes. An emergency 'kill' switch is built-in for safety purposes. Single use stainless steel blades are provided with the unit, and can be re-ordered when needed.

#### BIOPHARMACEUTICAL PRODUCTS



- Portable and compact design
- Remote sealing head for in-suite flexibility
- Password protected setting
- Perfect seals – every time
- Cycle times from 1 – 4 minutes



- One fixture welds all sizes
- Welds tubing, wet or dry
- Easily validated
- Provides welds with smooth inner bore
- Cycle time is 3 minutes

*Connect-Flex TPE Tubing Welder features an easy two button welding process and accommodates tubing from .375" to .750" OD.*





## C'eal-Flex® Machine Specifications

|  |   |
|--|---|
| Dimensions                                   | (in) 7 x 9 x 4.5<br>(cm) 18 x 25 x 10             |
| Machine Weight                               | (lb) 9<br>(Kg) 4.4                                |
| Electrical Requirements                      | 100-120 VAC<br>50-60 Hz, 2.3 amps                 |
| Air Pressure (not required, but recommended) | Max 80 psi  |
| Use  | Intended for Indoor Use Only                      |
| Environment Temp.                            | 10°C to 40°C<br>50°F to 104°F                     |
| Cycle Times                                  | Vary by tubing size, ranging from 1 to 4 minutes. |

## C'eal-Flex Tubing Sizes

| Type                            | Dimension (ID" x OD") |
|---------------------------------|-----------------------|
| Thin Wall (1/16") Sealing Head: | .125" x .250"         |
|                                 | .188" x .313"         |
|                                 | .250" x .375"         |
| Thick Wall (1/8") Sealing Head: | .250" x .500"         |
|                                 | .375" x .625"         |
|                                 | .500" x .750"         |

This device is intended for use with the following C-Flex Thermoplastic Elastomer (TPE) tubing formulas:

| Formula | Opaque/Clear | Description             |
|---------|--------------|-------------------------|
| 001     | Opaque       | Medical Grade, Class VI |
| 072     | Opaque       | Medical Grade, Class VI |
| 082     | Clear        | Medical Grade, Class VI |
| 374     | Clear        | Medical Grade, Class VI |

Both the C'eal-Flex and the Connect-Flex machines are CE Marked for sale in Europe. Machines are delivered with appropriate electric connections.

C-Flex®, C'eal-Flex® and Connect-Flex® are registered trademarks.

## BIOPHARMACEUTICAL PRODUCTS

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## Connect-Flex® Machine Specifications

|                         |   |
|-------------------------|---|
| Dimensions              | (in) 12 x 13 x 9<br>(cm) 30.5 x 33 x 23 |
| Machine Weight          | (lb) 25<br>(Kg) 11.4                    |
| Electrical Requirements | 100-120 VAC<br>50-60 Hz, 2.3 amps       |
| Air Pressure            | Min 85 psi                              |
| Use                     | Intended for Indoor Use Only            |
| Environment Temp.       | 10°C to 40°C<br>50°F to 104°F           |
| Cycle Time              | 3 minutes                               |

## Connect-Flex Tubing Sizes

| Size      | Dimension (ID" x OD") |
|-----------|-----------------------|
| xxx-250-2 | .250" x .375"         |
| xxx-250-3 | .250" x .438"         |
| xxx-250-4 | .250" x .500"         |
| xxx-313-3 | .313" x .500"         |
| xxx-375-2 | .375" x .500"         |
| xxx-375-3 | .375" x .563"         |
| xxx-375-4 | .375" x .625"         |
| xxx-500-3 | .500" x .688"         |
| xxx-500-4 | .500" x .750"         |

This device is intended for use with the following C-Flex Thermoplastic Elastomer (TPE) tubing formulas (substitute these formula numbers in place of the xxx):

| Formula | Opaque/Clear | Description             |
|---------|--------------|-------------------------|
| 001     | Opaque       | Medical Grade, Class VI |
| 072     | Opaque       | Medical Grade, Class VI |
| 082     | Clear        | Medical Grade, Class VI |
| 374     | Clear        | Medical Grade, Class VI |

**C-FLEX® TUBING IS NOT INTENDED FOR USE AS AN IMPLANT MATERIAL**



**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics tubing for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.

For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risk, if any, including the risk of injury, loss or damage, direct or consequential, arising out of the use, misuse, or inability to use, this product. THIS WARRANTY IS IN LIEU OF THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. No deviation is authorized.

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